

## Ref. 22

AN 1997-381324 [35] WPIX  
DNC C1997-122380  
TI Preparation of water type urethane compound - by radical polymerisation of urethane and unsaturated monomer using no organic solvents.  
DC A25 G02 G03  
PA (TOXW) TOYO INK MFG CO LTD  
CYC 1  
PI JP 09165425 A 19970624 (199735)\* 9p C08F299-06  
ADT JP 09165425 A JP 1995-328529 19951218  
PRAI JP 1995-328529 19951218  
IC ICM C08F299-06  
ICS C08G018-67; C09D175-14; C09J175-14  
AB JP 09165425 A UPAB: 19970828  
Preparation of a water type urethane compound prepared by radical polymerisation urethane and an unsaturated monomer comprises, using no organic solvents, (a) reacting polyols and organic isocyanates in an unsaturated monomer containing at least one OH group and one unsaturated group in a molecule to obtain a urethane prepolymer (containing end-isocyanate groups and having a molecular weight of up to 20000) solution (A) in unsaturated monomer; (b) dispersing (A) in water to obtain (B) an aqueous dispersion of urethane prepolymer in unsaturated monomer; (c) chain-extending (B) to obtain an aqueous dispersion (C) of polyurethane in unsaturated monomer; and (d) polymerising (c).  
ADVANTAGE - The preparation uses no organic solvents.  
Dwg. 0/0